



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO FORM 1449

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ATTY. DOCKET NO.
11220/146

SERIAL NO.
09/998,333

APPLICANTS
Kathleen D. DANENBERG

FILING DATE
December 3, 2001

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1645

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/PUBLICATION NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE*
	4,830,969	May 16, 1989	Holmes	435	259	
	4,843,155	Jun. 27, 1989	Chomczynski	536	27	
	5,128,247	Jul. 7, 1992	Koller	435	91	
	5,284,940	Feb. 8, 1994	Lin et al.	536	25.4	
	5,346,994	Sep. 13, 1994	Chomczynski	530	419	
	5,502,166	Mar. 26, 1996	Mishina	530	350	
	5,620,852	Apr. 15, 1997	Lin et al.	435	6	
	5,637,687	Jun. 10, 1997	Wiggins	536	25.4	
	5,643,767	Jul. 1, 1997	Fischetti et al.	435	91.3	
	5,654,179	Aug. 5, 1997	Lin	435	91.2	
	5,672,696	Sep. 30, 1997	Wang et al.	536	25.42	
	5,707,802	Jan. 13, 1998	Sandhu et al.	435	6	
	5,728,822	Mar. 17, 1998	Macfarlane	536	25.41	
	5,777,099	Jul. 7, 1998	Mehra	536	25.42	
	5,945,515	Aug. 31, 1999	Chomczynski	530	412	
	5,989,857	Nov. 23, 1999	Mundschenk	435	69.1	
	6,010,700	Jan. 4, 2000	Richt	424	186.1	
	6,043,354	Mar. 28, 2000	Hillebrand et al.	536	25.42	



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FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 95/28489 A	Oct. 26, 1995	PCT/US				
	WO 97/05248	Feb. 13, 1997	PCT/US				
	WO 97/35034	Sept. 25, 1997	PCT/US				
	WO 98/41648	Sept. 24, 1998	PCT/US				

OTHER DOCUMENTS



EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Ardalan, B., et al., "Thymidylate Synthase Gene Expression in Normal and Malignant Colorectal Tissues: Relation to in vivo Response and Survival," Proceedings of the American Association for Cancer Research, Vol. 37, Abstract No. 1376 (March 1996).
	Ausubel, F.M., ed., <u>Current Protocols In Molecular Biology</u> , John Wiley & Sons, Inc., Vol. 1.; Strauss, W. M., "Preparation of Genomic DNA from Mammalian Tissue," Unit 2.2, pp. 2.2.1-2.2.3 (1998)
	Ausubel, F.M., ed., <u>Current Protocols In Molecular Biology</u> , John Wiley & Sons, Inc., Vol. 1.; Richards, E., et al., "Preparation of Genomic DNA from Plant Tissue," Unit 2.3, pp. 2.3.1-2.3.7 (1994)
	Ausubel, F.M., ed., <u>Current Protocols In Molecular Biology</u> , John Wiley & Sons, Inc., Vol. 1.; Wilson, K., "Preparation of Genomic DNA from Bacteria," Unit 2.4, pp. 2.4.1-2.4.5 (1994)
	Banerjee, S.K., et al., "Microwave-Based DNA Extraction from Paraffin-Embedded Tissue for PCR Amplification," BioTechniques, Vol. 18, No. 5, pp. 768, 770, 772, 773 (1995).
	Benhattar, J., et al., "p53 Mutations as a Possible Predictor of Response to Chemotherapy in Metastatic Colorectal Carcinomas," Int. J. Cancer (Pred. Oncol.), Vol. 69, pp. 190-192 (1996).



INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449 Page 3/8	ATTY. DOCKET NO. 11220/146	SERIAL NO. 09/998,333
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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Bresters, D., et al., "Detection of Hepatitis C Viral RNA Sequences in Fresh and Paraffin-Embedded Liver Biopsy Specimens of Non-A, Non-B Hepatitis Patients," J. Hepat., Vol. 15, pp. 391-395 (1992).
	Bresters, D., et al., "The Duration of Fixation Influences the Yield of HCV cDNA-PCR Products from Formalin-Fixed, Paraffin-Embedded Liver Tissue," J. Virol. Method, Vol. 48, pp. 267-272 (1994).
	Chirgwin, J., M., et al., "Isolation of Biologically Active Ribonucleic Acid from Sources Enriched in Ribonuclease," Biochemistry, Vol. 18, No. 24, pp. 5294-99 (1979).
	Chomczynski, P., et al., "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," Analytical Biochemistry, Vol. 162, pp. 156-159 (1987).
	Chomczynski, P., "A Reagent for the Single-Step Simultaneous Isolation of RNA, DNA and Proteins from Cell and Tissue Samples," BioTechniques, Vol. 15, No. 3, pp. 532-4, 536-7 (1993).
	Coombs, N. J., et al., "Optimisation of DNA and RNA Extraction from Archival Formalin-Fixed Tissue," Nucl. Acids Research, Vol. 27, No. 16, pp. i-iii (1999).
	Dakhama, A., et al., "Amplification of Human β -Actin Gene by the Reverse Transcriptase-Polymerase Chain Reaction: Implications for Assessment of RNA from Formalin-Fixed, Paraffin-Embedded Material," J. Histochem. and Cytochem., Vol. 44, No. 10, pp. 1205-1207 (1996).
	de Andr�s, B., et al., "Improved Method for mRNA Extraction from Paraffin-Embedded Tissues," BioTechniques, Vol. 18, No. 1, pp. 42-43 (1995).
	Eads, C. A., et al., "CpG Island Hypermethylation in Human Colorectal Tumors is Not Associated with DNA Methyltransferase Overexpression," Cancer Research, Vol. 59, pp. 2302-2306 (1999).
	Edamoto, Y., et al., "Hepatitis C and B Virus Infections in Hepatocellular Carcinoma," CANCER, Vol. 77, No. 9, pp. 1787-1791 (1996).



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
PTO FORM 1449

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GROUP SEP 12 2003
1645

TECH CENTER 1000-0000

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Farrugia, D., et al., "A pharmacodynamic (PD) study of the thymidylate, synthase (TS) Inhibitor Tomudex™ in advanced colorectal cancer (CRC)," Proceedings of the American Association for Cancer Research, Eighty-eighth Annual Meeting (April 12-16, 1997), Vol. 38 (1997), Abstract #4132.
	Finke, J., et al., "An Improved Strategy and a Useful Housekeeping Gene for RNA Analysis from Formalin-Fixed, Paraffin-Embedded Tissues by PCR," BioTechniques, Vol. 14, No. 3, pp. 448-53 (1993).
	Goldsworthy, S. M., et al., "Effects of Fixation on RNA Extraction and Amplification from Laser Capture Microdissected Tissue," Molecular Carcinogenesis, Vol. 25, pp. 86-91 (1999).
	Greer, C. E., et al., "PCR Amplification from Paraffin-Embedded Tissues," Am. J. Clin. Pathol., Vol. No. 95, No. 2, pp. 117-24 (1991).
	Gruber, A. D., et al., "Detection of Bovine Viral Diarrhea Virus RNA in Formalin-Fixed, Paraffin-Embedded Brain Tissue by Nested Polymerase Chain Reaction," J. Virol. Methods, Vol. 43, pp. 309-319 (1993).
	Guerrero, R.B., et al., "Effects of Formalin Fixation and Prolonged Block Storage on Detection of Hepatitis C Virus RNA in Liver Tissue," Diag. Molec. Path., Vol. 6, No. 5, pp. 277-281 (1997).
	Heid, C. A., et al., "Real Time Quantitative PCR," Genome Research, Vol. 6, pp. 986-994 (1996).
	Hodges, E., et al., "Isolation of Nucleic Acid from Paraffin Embedded Tissue for PCR Amplification and Sequencing of TcR Vβ Genes," Leuk. Research, Vol. 19, No. 3, pp. 183-186 (1995).
	Horie, N., et al., "Functional Analysis and DNA Polymorphism of the Tandemly Repeated Sequences in the 5' terminal Regulatory Region of the Human Gene for Thymidylate Synthase," Cell Structure and Function, Vol. 20, No. 3, pp. 191-197 (1995).

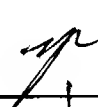



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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Horikoshi, T., et al., "Quantitation of Thymidylate Synthase, Dihydrofolate Reductase, and DT-Diaphorase Gene Expression in Human Tumors using the Polymerase Chain Reaction," Cancer Res., Vol. 52, pp. 108-116 (1992).
	Hsuih, T. C. H., et al., "Novel, Ligation-Dependent PCR Assay for Detection of Hepatitis C Virus in Serum," J. Clin. Microbiol., Vol. 34, No. 3, pp. 501-507 (1996).
	Ichikawa, W., et al., "Expression of Dihydropyrimidine Dehydrogenase (DPD) and Thymidylate Synthase (TS) mRNA in Primary Tumor Predicts the Anti-Tumor Effect in 5-Fluorouracil (FU Based Chemotherapy for Gastrointestinal (GI) Cancer," Proceedings of the American Association for Cancer Research, Vol. 42, Abstract Number 3326 (March 2001).
	Iwamoto, K. S., et al., "Feasibility of Using Decades-Old Archival Tissues in Molecular Oncology/Epidmiology," Am. J. Path., Vol. 149, No. 2, pp. 399-406 (1996).
	Jackman, A. L., et al., "Thymidylate Synthetase Inhibitors: Experimental and Clinical Aspects," Chapter 7 in Experimental and Clinical Progress in Cancer Chemotherapy, F.M. Muggia, ed., Martinus Nijhoff, Boston (1985), pp. 155-210.
	Jiang, Y.-H., et al., "A Rapid RT-PCR Method for Detection of Intact RNA in Formalin-Fixed Paraffin-Embedded Tissues," Nucl. Acids. Res., Vol. 23, No. 15, pp. 3071-2 (1995).
	Kawakami, K., et al., "Polymorphic Tandem Repeats in the Thymidylate Synthase Gene is Associated with its Protein Expression in Human Gastrointestinal Cancers," Proceedings of the American Society of Clinical Oncology, Vol. 17, Abstract No. 1128 (May 1998).
	Keyomarsi, K., et al., "Mechanism of the Cytotoxic Synergism of Fluoropyrimidines and Folinic Acid in Mouse Leukemic Cells," J. Biol. Chem., Vol. 263, No. 28, pp. 14402-14409 (1988).
	Kiyosawa, K., et al., "Interrelationship of Blood Transfusion, Non-A, Non-B Hepatitis and Hepatocellular Carcinoma: Analysis by Detection of Antibody to Hepatitis C Virus," Hepatology, Vol. 12, No. 4, pp. 671-5 (1990).

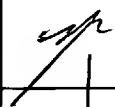



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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Koopmans, M., <i>et al.</i> , "Optimization of Extraction and PCR Amplification of RNA Extracts from Paraffin-Embedded Tissue in Different Fixatives," J. Virological Methods, Vol. 43, pp. 189-204 (1993).
	Leichman, C. G., <i>et al.</i> , "Quantitation of Intratumoral Thymidylate Synthase Expression Predicts for Disseminated Colorectal Cancer Response and Resistance to Protracted-Infusion Fluorouracil and Weekly Leucovorin," J. Clinical Oncology, Vol. 15, No. 10, pp. 3223-9 (1997).
	Lenz, H.-J., <i>et al.</i> , "p53 and Thymidylate Synthase Expression in Untreated Stage II Colon Cancer: Associations with Recurrence, Survival, and Site," Clinical Cancer Research, Vol. 4, pp. 1227-34 (1998).
	Lenz, H.-J., <i>et al.</i> , "Thymidylate Synthase mRNA Level in Adenocarcinoma of the Stomach: A Predictor for Primary Tumor Response and Overall Survival," J. Clinical Oncology, Vol. 14, No. 1, pp. 176-182 (1996).
	Macfarlane, D. E., <i>et al.</i> , "Introduction to Isolating RNA," in RNA Isolation and Characterization Protocols, R. Rapley and D. L. Manning, eds., Humana Press (Series: Methods in Molecular Biology™), Totowa, N. J. (1998), pp. 1-6.
	Marsh, S., <i>et al.</i> , "Ethnic Variation in the Thymidylate Synthase Enhancer Region Polymorphism among Caucasian and Asian Populations," Genomics, Vol. 58, pp. 310-312 (1999).
	Mies, C., "A Simple, Rapid Method for Isolating RNA from Paraffin-embedded Tissues for Reverse Transcription-Polymerase Chain Reaction (RT-PCR)," J. Histochemistry and Cytochemistry, Vol. 42, No. 6, pp. 811-813 (1994).
	Miyauchi I., <i>et al.</i> , "Further study of hepatitis C virus RNA detection in formalin-fixed, paraffin-embedded liver tissues by ligation-dependent polymerase chain reaction", Pathology International, Vol. 48, pp. 428-432 (1998)
	Mizuno, T., <i>et al.</i> , "RNA from Decades-Old Archival Tissue Blocks for Retrospective Studies," Diagnostic Molecular Pathology, Vol. 7, No. 4, pp. 202-208 (1998).



INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO FORM 1449 Page 7/8	ATTY. DOCKET NO. 11220/146	SERIAL NO. 09/998,333
	APPLICANTS Kathleen D. DANENBERG	
	FILING DATE December 3, 2001	GROUP 1645

RECEIVED
SEP 15 2003

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Mukhopadhyay, T., et al., "Isolation of Total RNA from Tissues or Cell Lines," in RNA Isolation and Characterization Protocols, R. Rapley and D. L. Manning, eds., Humana Press (Series: Methods in Molecular Biology™), Totowa, N.J. (1998), pp. 55-59.
	Park, Y. N., et al., "Detection of Hepatitis C Virus RNA Using Ligation-Dependent Polymerase Chain Reaction in Formalin-Fixed, Paraffin-Embedded Liver Tissues," American Journal of Pathology, Vol. 149, No. 5, pp. 1485-1491 (1996).
	Rupp, G. M., et al., "Purification and Analysis of RNA from Paraffin-Embedded Tissues," BioTechniques, Vol. 6, No. 1, pp. 56-60 (1988).
	Sambrook, J., et al., "Isolation of High-Molecular-Weight DNA from Mammalian Cells," in Molecular Cloning: A Laboratory Manual, 2 nd Ed., Cold Spring Harbor Laboratory Press (1989), pp. 9.14-9.23.
	Sander, C. A., et al., "p53 Mutation is Associated with Progression in Follicular Lymphomas," Blood, Vol. 82, No. 7, pp. 1994-2004 (1993).
	Santos, A. C., et al., "Simultaneous Extraction of RNA and DNA from Paraffin-Embedded Tissues," Trends in Genetics, Vol. 9, No. 7, p. 231 (1993).
	Soguero, C., et al., "Detection of Hepatitis C Virus RNA in More Than 20-Year Old Paraffin-Embedded Liver Tissue," Laboratory Investigation, Vol. 79, No. 3, pp. 365-366 (1999).
	Sorg, I., et al., "Detection of Borna Disease Virus RNA in Formalin-Fixed, Paraffin-Embedded Brain Tissues by Nested PCR," J. Clinical Microbiology, Vol. 33, No. 4, pp. 821-823 (1995).
	Spears, C. P., et al., "In Vivo Kinetics of Thymidylate Synthetase Inhibition in 5-Fluorouracil-Sensitive and -Resistant Murine Colon Adenocarcinomas," Cancer Research, Vol. 42, pp. 450-456 (1982).



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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Kathleen D. DANENBERG


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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Stanta, G., et al., "RNA Extracted from Paraffin-Embedded Human Tissues is Amenable to Analysis by PCR Amplification," BioTechniques, Vol. 11, No. 3, pp. 304-308 (3 pages) (1991).
	G. Stanta, et al., "RNA Quantitative Analysis from Fixed and Paraffin-Embedded Tissues," Methods in Molecular Biology, Vol. 86, pp. 113-9 (1998)
	G. Stanta, et al., "RNA Extraction from Formalin-Fixed and Paraffin-Embedded Tissues," Methods of Molecular Biology, Vol. 86, pp. 23-26 (1998)
	Swain, S. M., et al., "Fluorouracil and High-Dose Leucovorin in Previously Treated Patients with Metastatic Breast Cancer," J. Clinical Oncology, Vol. 7, No. 7, pp. 890-899 (1989).
	Wei, X., et al., "Molecular Basis of the Human Dihydropyrimidine Dehydrogenase Deficiency and 5-Fluorouracil Toxicity," J. Clinical Investigation, Vol. 98, No. 3, pp. 610-615 (1996).
	v. Weizsäcker, F., et al., "A Simple and Rapid Method for the Detection of RNA in Formalin-Fixed, Paraffin-Embedded Tissues by PCR Amplification," Biochem. and Biophys. Research Comm., Vol. 174, No. 1, pp. 176-180 (1991).

EXAMINER

DATE CONSIDERED

EXAMINER Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	APPLICANTS Kathleen D. DANENBERG	
	FILING DATE December 3, 2001	GROUP 1637

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/PUBLICATION NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,952,202	September 14, 1999	Aoyagi et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS



EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Aschele, C., et al., "Thymidylate Synthase Protein Expression in Primary Colorectal Cancer Compared with the Corresponding Distant Metastases and Relationship with the Clinical Response to 5-Fluorouracil," Clinical Cancer Research, 6: 4797-4802 (2000)
	Chen, Z., et al., "Correlation of Cisplatin Sensitivity with Differential Alteration of EGFR Expression in Head and Neck Cancer Cells," Anticancer Research 20:899-902 (2000)
	Etienne M.C., et al., "Response to Fluorouracil Therapy in Cancer Patients: The Role of Tumoral Dihydropyrimidine Dehydrogenase Activity," Journal of Clinical Oncology, 13(7):1663-1670 (1995)
	Beck, A., et al., "A Role for Dihydropyrimidine Dyhydrogenase and Thymidylate Synthase in Tumour Sensitivity to Fluorouracil," European Journal of Cancer, 30A(10):1517-1522 (1994)
	Gorlick, R., et al., "Higher Levels of Thymidylate Synthase Gene Expression Are Observed in Pulmonary as Compared With Hepatic Metastases of Colorectal Adenocarcinoma," Journal of Clinical Oncology, 16(4):1465-1469 (1998)
	Kornmann M. et al., "Thymidylate synthase is a predictor for response and resistance in hepatic artery infusion chemotherapy," Cancer Letters, 118:29-35 (1997)

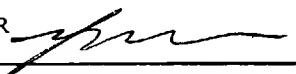
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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Lenz, H.-J., et al., "p53 Point Mutations and Thymidylate Synthase Messenger RNA Levels in Disseminated Colorectal Cancer: An Analysis of Response and Survival," Clinical Cancer Research, 4:1243-1250 (1998)
	Neskovic-Konstantinovic, Z., et al., "Expression of Epidermal Growth Factor Receptor in Breast Cancer, from Early Stages to Advanced Disease," J. Exp. Clin. Cancer Res., 18(3):347-355 (1999)
	Newby J.C., et al., "Expression of Epidermal Growth Factor Receptor and c-erbB2 during the Development of Tamoxifen Resistance in Human Breast Cancer," Clinical Cancer Research, 3:1643-1651 (1997)
	Nicholson, R.I., et al., "Relationship Between EGF-R, c-erbB-2 Protein Expression and Ki67 Immunostaining in Breast Cancer and Hormone Sensitivity," Eur. J. Cancer, 29A(7):1018-1023 (1993)
	Salonga D., et al., "Colorectal Tumors Responding to 5-Fluorouracil Have Low Gene Expression Levels of Dihydropyrimidine Dehydrogenase, Thymidylate Synthase, and Thymidine Phosphorylase," Clinical Cancer Research 6:1322-1327 (2000)
	Wong, NACS, et al., "Nuclear thymidylate synthase expression, p53 expression and 5FU response in colorectal carcinoma," British Journal of Cancer, 85(12):1937-1943 (2001)
	Yamada, H., et al., "Thymidylate Synthase Gene Expression in Primary Colorectal Cancer and Metastatic Sites," Clinical Colorectal Cancer, 1(3):169-173 (2001); discussion p. 174

EXAMINER 	DATE CONSIDERED 7-28-04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	FILING DATE - December 3, 2001	Examiner - Unassigned

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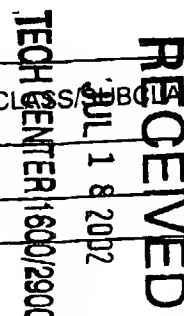
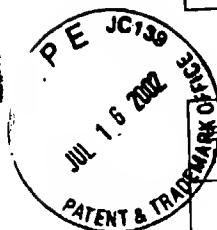
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Culp, L.A. et al., "Tracking prostate carcinoma micrometastasis to multiple organs using histochemical marker genes and novel cell systems," <i>Histology & Histopathology</i> , vol. 16, no.3:945-953 (July 2001)
	Lobban, E. Dawn et al., "Uroplakin Gene Expression by Normal and Neoplastic Human Urothelium," <i>American Journal of Pathology</i> , vol. 153, no. 6:957-1967 (Dec. 1998)
	Maurer, Christoph A. et al., "Reduced expression of the metastasis suppressor gene KAI1 in advanced colon cancer and its metastases", <i>Surgery</i> , vol. 126, no. 5:869-880, (Nov. 1999)
	Gamberi, Gabriella et al., "C-myc and c-fos in Human Osteosarcoma: Prognostic Value of mRNA and Protein Expression," <i>Oncology</i> , vol. 55, no. 6:556-563, (Nov.-Dec. 1998)
	Chen, Peter W. et al., "Expression of MAGE genes in ocular melanoma during progression from primary to metastatic disease", <i>Clinical & Experimental Metastasis</i> , vol. 15, no. 5:509-518, (Sept. 1997)
	Singh, Rakesh et al., "Influence of the host microenvironment on the clonal selection of human colon carcinoma cells during primary tumor growth and metastasis", <i>Clinical & Experimental Metastasis</i> , vol. 15, no. 2:140-150, (Mar. 1997)
	Di Renzo, M. Flavia et al., "Overexpression and Amplification of the Met/HGF Receptor Gene during the Progression of Colorectal Cancer", <i>Clinical Research</i> , vol. 1, no. 2:147-154, (Feb. 1995)
	Zeuthen, Jesper et al., "Analysis of T Cell Receptor $\alpha\beta$ Variability in Tumor-Infiltrating Lymphocytes in Primary and Metastatic Melanoma, <i>Archivum Immunologiae et Therapiae Experimentalis</i> , vol. 43, no. 2:123-133, (1995)
	Lüscher, Urs, et al., "The Pattern of Cytokine Gene Expression in Freshly Excised Human Metastatic Melanoma Suggests A State of Reversible Anergy of Tumor-Infiltrating Lymphocytes" <i>International Journal of Cancer</i> , vol. 57, no. 4:612-619, (May 15)
	Dinjens, Winand N.M., "Frequency and Characterization of p53 mutations In Primary and Metastatic Human Prostate Cancer", <i>International Journal of Cancer</i> , vol. 56, no. 5:630-633 (Mar 1, 1994)
	Lacroix H. et al., "Overexpression of erbB-2 or EGF receptor proteins present in early stage mammary carcinoma is detected simultaneously in matched primary tumors and regional metastases", <i>Oncogene</i> , vol. 4, no. 2:145-151(Feb. 1989)
	David, L. et al., "c-erbB-2 Expression in Primary Gastric Carcinomas and Their Metastases" <i>Modern Pathology</i> , vol. 5, no. 4:384-390 (July 1992)



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DATE CONSIDERED

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